Team name: Pi\_Hats

Members:

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About Project:

* Developed in Java 8 platform.
* Used ECLIPSE IDE.
* Used Java FX for Interface Design.
* Firebase is used for Realtime Database.

Libraries used:

1. Java FX
2. Fire Base

Project Concept:

Imagine a milk powder product with their 5 ingredient levels which are Calcium,Fat,Iron,Vitemines and finally it’s Weight. 5 sensors are use to add their ingredients Automatically with single linear belt with System time. Each sensors are identify by its Sensor ID and Items are Specifically identified by Item ID.

How the project works :

First Run the “Sensor Sent Data” code to sent the Data flow to Fire base on real time. And then Run main dashboard which us contains some of the features as fellows.

1. Items Details:

Will display the Item details with its ingredients levels and also it’s graph will be generated respectively.